

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 3321 | 438/14.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/03/08 15:23 |
| L2 | 365 | 1 and (spatial fourier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/03/08 15:23 |
| S1 | 18 | ("2988487" "3751222" "5009485" "5171682" "5711849" "5786023" "5910011" "6232134").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 12:54 |
| S2 | 2 | S1 and fourier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 12:55 |
| S3 | 781 | 204/298.03.ccls. or 204/192.13.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 13:01 |
| S4 | 3 | S3 and (principle principal) adj component adj analysis | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 13:09 |
| S5 | 18 | S3 and (compar\$3 with (actual measur\$3) with (reference standard desir\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 13:11 |

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| S6 | 8 | S5 and (wafer LCD (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 13:17 |
| S7 | 1 | ("6232134").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/23 13:37 |
| S8 | 0 | S3 and (design adj "of" adj experiment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 13:47 |
| S9 | 0 | etch\$4 and (design adj "of" adj experiment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 13:47 |
| S10 | 0 | etch\$4 and (design adj of adj experiment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 13:47 |
| S11 | 0 | (design adj of adj experiment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/23 13:47 |
| S12 | 324 | ("204".clas. or "438". clas.) and (design near4 experiment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 15:24 |
| S13 | 301 | ("204".clas. or "438". clas.) and (design near3 experiment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 15:25 |
| S14 | 0 | ("204".clas. or "438". clas.) and (design near2 of near2 experiment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 15:25 |

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| S15 | 0 | ("204".clas. or "438". clas.) and (design near3 of near3 experiment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 15:25 |
| S16 | 0 | ("204".clas. or "438". clas.) and (design\$3 near3 of near3 experiment\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 15:25 |
| S17 | 0 | ("204".clas. or "438". clas.) and (design\$3 near3 of near3 experiment\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 15:25 |
| S18 | 1 | (monitor\$4 test\$4).ti. and (spin adj on) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 16:06 |
| S19 | 3 | (feedback near7 control \$3) and (batch adj diffusion) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 16:07 |
| S20 | 0 | (feedback near7 control \$3) and (spin adj on) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 16:07 |
| S21 | 1 | (feedback near7 control \$3) same (fault threshold) and (spin-on-glass) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/28 16:09 |
| S22 | 5 | ("204".clas. "438". clas.) and (compar\$3 with (actual measur\$3) with (reference standard desir\$3)) and (multidimension\$3 (multi-dimension\$3) (multi adj dimension \$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 07:39 |

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| S23 | 11 | ("4192706" "4226665" "4243506" "4297162" "4340461" "5147520" "5330606" "5399229" "5445709").PN. OR ("5711849").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 08:14 |
| S24 | 1 | S23 and (multivariable multivariate (fourier near3 harmonic) (principal adj component) (design near2 experiment)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 08:19 |
| S25 | 8 | S23 and ((thermal adj process\$3) (batch adj diffusion) (diffusion adj furnace) (UV ultraviolet) (photoresist) (dielectric adj coat\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 08:32 |
| S26 | 22 | ("4859277" "6054333" "6060329").PN. OR ("6232134").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 08:32 |
| S27 | 0 | S26 and (multivariable multivariate (fourier near3 harmonic) (principal adj component) (design near2 experiment)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 08:34 |
| S28 | 11 | S26 and ((thermal adj process\$3) (batch adj diffusion) (diffusion adj furnace) (UV ultraviolet) (photoresist) (dielectric adj coat\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 08:34 |
| S29 | 272 | spin-on-dielectric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 10:28 |
| S30 | 1 | S29 and (compar\$3 with (actual measur\$3) with (reference standard desir\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 10:28 |

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| S31 | 12 | S29 and ((compar\$3 analy\$4) with (actual measur\$3 determin\$3) with (reference standard desir\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 10:29 |
| S32 | 34316 | spin-on-dielectric SOD | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 10:30 |
| S33 | 618 | S32 and ((compar\$3 with (actual measur\$3) with (reference standard desir\$3))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 10:30 |
| S34 | 6651 | spin-on-dielectric spin- on-glass | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 10:31 |
| S35 | 23 | S34 and ((compar\$3 with (actual measur\$3) with (reference standard desir\$3))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 10:31 |
| S36 | 72 | S34 and (feedback near4 control\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 13:02 |
| S37 | 0 | S34 and (feedback near4 control\$4) same (deposit\$4 near5 rate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 13:08 |
| S38 | 85 | spin adj coat\$4 and (feedback near4 control \$4) same (deposit\$4 near5 rate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 13:08 |

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| S39 | 4133 | "diffusion furnace" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 14:05 |
| S40 | 3 | S39 and ((feedback near4 control\$4) and ((compar\$3 with (actual measur\$3) with (reference standard desir\$3))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 14:06 |
| S41 | 16 | S39 and ((compar\$3 with (actual measur\$3) with (reference standard desir\$3))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/29 14:07 |
| S42 | 9 | ("5807761" "6051348" "6245584" "6306669" "6388756" "6472324" "6524163").PN. OR ("6625514").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 14:09 |
| S43 | 0 | S42 and spin-on | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 14:09 |
| S44 | 158 | "rapid thermal" and ((compar\$3 with (actual measur\$3) with (reference standard desir\$3))) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 14:10 |
| S45 | 0 | ((ultraviolet UV) near3 photoresist adj pattern \$4) and ((compar\$3 with (actual measur\$3) with (reference standard desir\$3))) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 15:46 |
| S46 | 32 | ((ultraviolet UV) near3 ((photoresist adj pattern\$4) (lithography))) and ((compar\$3 with (actual measur\$3) with (reference standard desir\$3))) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/29 15:47 |

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| S47 | 8 | ((thermal adj process \$3) and (batch adj diffusion) and (diffusion adj furnace) and (UV ultraviolet) and (photoresist) and (dielectric adj coat\$3)) and (CVD (chemical adj vapor adj deposition) PVD (physical adj vapor adj deposition) sputter\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/30 10:59 |
| S48 | 8 | ((thermal adj process \$3) and ((batch adj diffusion) (diffusion adj furnace)) and (UV ultraviolet) and (photoresist) and (dielectric adj coat\$3)) and (CVD (chemical adj vapor adj deposition) PVD (physical adj vapor adj deposition) sputter\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/30 11:03 |
| S49 | 42 | ((rapid adj thermal) (thermal adj process \$3)) and ((batch adj diffusion) (diffusion adj furnace)) and (photoresist) and (spin-on) and (CVD (chemical adj vapor adj deposition) PVD (physical adj vapor adj deposition) sputter\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/30 11:18 |
| S50 | 77 | ((rapid adj thermal) (thermal adj process \$3)) and ((batch adj diffusion) (diffusion adj furnace)) and (photoresist) and (spin-on\$6) and (CVD (chemical adj vapor adj deposition) PVD (physical adj vapor adj deposition) sputter\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/30 11:18 |
| S51 | 18 | S49 and (UV ultraviolet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/30 11:21 |

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| S52 | 42 | ((rapid adj thermal) (thermal adj process \$3) and ((batch adj diffusion) (diffusion adj furnace)) and (photoresist and (spin- on) and (CVD (chemical adj vapor adj deposition) PVD (physical adj vapor adj deposition) sputter\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/30 15:49 |
| S53 | 1 | "204". clas. and (spectral adj space) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:34 |
| S54 | 403 | (spectral adj space) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:34 |
| S55 | 23 | (convert\$3 conversion) with (spectral adj space) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:35 |
| S56 | 765 | (convert\$3 conversion) with (spectral adj data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:39 |
| S57 | 0 | "204.clas" and (convert \$3 conversion) with (spectral adj data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:39 |
| S58 | 133 | (convert\$3 conversion) with (spectral adj data) same measur\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:39 |

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| S59 | 160 | (convert\$3 conversion) with (spectral adj data) same (measurement measur\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:39 |
| S60 | 38 | (convert\$3 conversion) with (fourier adj space) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:48 |
| S61 | 0 | S60 and "204".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 13:48 |
| S62 | 32 | "204".clas. and (convert\$3 conversion) with (fourier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 14:12 |
| S63 | 7 | (current near3 density) same (convert\$3 conversion) with (fourier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 14:27 |
| S64 | 524 | (fourier near5 (transform\$3 convert\$3 conversion transformation)) with (visual) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 14:48 |
| S65 | 0 | S64 and "204".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 14:49 |
| S66 | 110394 | (fourier near5 (transform\$3 convert\$3 conversion transformation analysis)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 15:15 |

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| S67 | 17394 | S66 and (sputter\$3 etch \$3 deposit\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 15:15 |
| S68 | 9218 | S66 and (sputter\$3 etch \$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 15:16 |
| S69 | 537 | (fourier near5 (transform\$3 convert \$3 conversion transformation analysis)) same (fault feedback correct\$3) and (sputter\$3 etch\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/09 15:16 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------------|------------------|---------|------------------|
| L3 | 4027 | 204/298.03.ccls. 204/192.13.ccls. 438/14.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/03/08 15:24 |
| L4 | 3 | L3 and ((measure with (parameter variable)) and (spacial fourier)).cml. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/03/08 15:25 |
| L5 | 5 | L3 and ((measure with (parameter variable)) and (spacial spectral fourier)).cml. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/03/08 15:26 |
| L6 | 27 | L3 and (control and (spacial spectral fourier)).cml. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/03/08 15:26 |

3/8/2011 3:27:21 PM

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